

Notice of Allowability

Application No.

09/694,159

Examiner

Christopher Onuaku

Applicant(s)

BRANDSMA, EWOUT

Art Unit

2621

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed 11/17/05 and the current Examiner's Amendment of 5/10/06.
2. ☒ The allowed claim(s) is/are 1-4&7-18 (now renumbered 1-16, respectively).
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 5/10/06.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

DETAILED ACTION

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.
2. Authorization for this examiner's amendment was given in a telephone interview with Mike Belk on 5/10/06.
3. The application has been amended as follows:
In the Claims:
In claims 5&6, claims 5&6 have been canceled.
In claim 7,
line 2, "as claimed in claim 5", has been deleted.

Allowable Subject Matter

4. Claim 1-4&7-12 is allowable over the prior art of record.
5. The following is a statement of reasons for the indication of allowable subject matter:

Regarding claim 1, the invention relates to recording digital information on a recording medium, such as tape, magnetic discs, optical discs, etc, having at least one recording track divided into logic blocks.

The closest reference Aizawa (US 4,849,956) discloses an apparatus for recording/reproducing information on or from a recording medium.

However, Aizawa fails to explicitly disclose a method of recording information onto a recording medium having at least one recording track divided into logic blocks , wherein a predetermined part of the recording medium is reserved as a spare recording area, wherein the information file to be recorded is divided into data packets and wherein a file writing session method further comprises the steps of receiving data packet to be recorded into a buffer, storing the data packet in an auxiliary memory that has faster access times than the buffer in an auxiliary writing session if the block appears to be a defective block.

Regarding claim 7, the invention relates to recording digital information on a recording medium, such as tape, magnetic discs, optical discs, etc, having at least one recording track divided into logic blocks.

The closest reference Aizawa (US 4,849,956) discloses an apparatus for recording/reproducing information on or from a recording medium.

However, Aizawa fails to explicitly disclose a method of reading information from a recording medium, where the method comprises the steps of examining whether the block address of a block to be read from the recording medium appears in a substitution

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table comprising bookkeeping data, reading the data in the block to be read if the block address is found not to appear in the substitution table, and supplying the data thus read to an output, but if the block address is found to appear in the substitution table, reading substitution data from the section having the start address in the auxiliary memory and presenting the read substitute data to the output, and repeating this process for all the blocks of a file.

Regarding claim 8, the invention relates to recording digital information on a recording medium, such as tape, magnetic discs, optical discs, etc, having at least one recording track divided into logic blocks.

The closest reference Aizawa (US 4,849,956) discloses an apparatus for recording/reproducing information on or from a recording medium.

However, Aizawa fails to explicitly disclose a recording apparatus for recording information on a recording medium having at least one recording track divided into logic blocks, where the apparatus further comprises a control unit having an input for receiving an information signal to be recorded into a buffer, auxiliary memory means having faster access times than the buffer being associated with the control unit, and wherein the control unit is adapted to record a data packet in a block of the recording medium, or if the block is found to be defective, to store the data packet in a section of the auxiliary memory.

Regarding claim 12, the invention relates to recording digital information on a recording medium, such as tape, magnetic discs, optical discs, etc, having at least one recording track divided into logic blocks.

The closest reference Aizawa (US 4,849,956) discloses an apparatus for recording/reproducing information on or from a recording medium.

However, Aizawa fails to explicitly disclose a read apparatus for reading information from the recording medium having at least one recording track divided into logic blocks and having a spare recording area, where the apparatus comprises wherein the control unit is adapted to initially copy data packets, including bookkeeping data, stored in the spare recording area of the recording of the recording medium to the auxiliary memory, wherein the control unit is adapted to examine whether the block address of a block to be read from the recording medium appears in a substitution table comprising the bookkeeping data, and wherein the control unit is further adapted to read the data from a block and supply the to the output if a block address of the block does not appear in the substitution table, and to read substitution data from the section having start address from the auxiliary memory and supply the substitute data to the output if the block address is found to appear in the substitution table

Conclusion

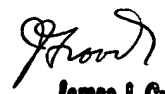
6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Christopher Onuaku whose telephone number is 571-272-7379. The examiner can normally be reached on M-F.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Groody can be reached on 571-272-7950. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


COO
5/11/06


James J. Groody
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